

## CLAIMS

1. A flame retardant resin composition comprising:  
at least one polyester containing phosphorus; and  
about 1.0 to about 15 weight %, based on the total weight of the composition, of at least one platy inorganic material.
2. The composition of claim 1, wherein said at least one polyester contains about 0.05 to about 1.5 weight % phosphorus based on the total weight of the composition.
3. The composition of claim 1, wherein said at least one polyester contains about 0.10 to about 1.0 weight % phosphorus based on the total weight of the composition phosphorus.
4. The composition of claim 1, wherein said at least one polyester comprises a copolyester, a homopolyester, or a blend of copolyester and homopolyester.
5. The composition of claim 1, wherein said phosphorous is covalently bonded into said at least one polyester.
6. The composition of claim 1, wherein said phosphorous is physically incorporated into said at least one polyester.
7. The composition of claim 1, wherein said phosphorous is incorporated into said at least one polyester by masterbatch.
8. The composition of claim 1, wherein said at least one polyester comprises phosphorus incorporated into a polymer back bone of said polyester or into a pendant group pending from said polyester polymer backbone.
9. The composition of claim 8, wherein said phosphorous is contained within a phosphorous ester.

10. The composition of claim 1, wherein said platy inorganic material comprises a platy inorganic material treated to provide increased adhesion to said at least one polyester.

11. The composition of claim 1, wherein said platy inorganic material is talc.

12. The composition of claim 11, wherein said platy inorganic talc comprises particles having a median diameter of about 0.5 to about 20 microns and a top size of about 5 to about 50 microns.

13. The composition of claim 1, wherein said platy inorganic material is mica.

14. The composition of claim 13, wherein said platy inorganic mica comprises particles having a median diameter of about 0.5 to about 20 microns and a top size of about 5 to about 50 microns.

15. A polyester film comprising:  
a flame retardant resin composition comprising:  
at least one polyester containing phosphorus; and  
about 1.0 to about 15 weight %, based on the total weight of the composition, of at  
5 least one platy inorganic material.

16. The polyester film of claim 15, wherein said at least one polyester contains about 0.05 to about 1.5 weight % phosphorus based on the total weight of the composition.

17. The polyester film of claim 15, wherein said at least one polyester contains about 0.10 to about 1.0 weight % phosphorus based on the total weight of the composition.

18. The polyester film of claim 15, wherein said polyester film comprises a biaxially oriented polyester film.

19. The polyester film of claim 15, wherein said film has a surface comprising a gloss surface.

20. The polyester film of claim 15, wherein said film has a surface comprising a semi-gloss surface.

21. The polyester film of claim 15, wherein said film has a surface comprising a matte finish.

22. The polyester film of claim 15, wherein said polyester film comprises a multilayer film wherein at least one layer of said multiplayer film comprises:

a flame retardant resin composition comprising:

at least one polyester containing phosphorus; and

5 about 1.0 to about 15 weight %, based on the total weight of the composition, of at least one platy inorganic material.

23. The polyester film of claim 22, wherein said at least one polyester contains about 0.05 to about 1.5 weight % phosphorus based on the total weight of the composition.

24. The polyester film of claim 22, wherein said at least one polyester contains about 0.10 to about 1.0 weight % phosphorus based on the total weight of the composition.

25. The polyester film of claim 22, wherein at least one layer of said multiplayer film comprises a biaxially oriented polyester film.

26. The polyester film of claim 22, wherein said multilayer film comprises at least one heat sealable copolyester outer layer.

27. The polyester film of claim 22, wherein said film has a surface comprising a gloss surface.

28. The polyester film of claim 22, wherein said film has a surface comprising a semi-gloss surface.

29. The polyester film of claim 22, wherein said film has a surface comprising a matte finish.